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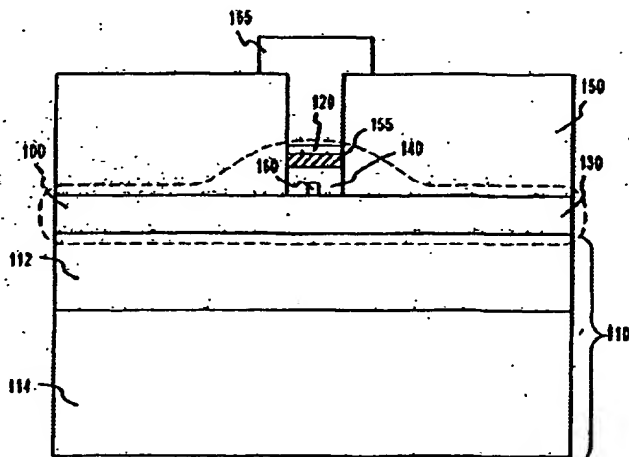
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(S4) TID: MICROELECTRONIC PROGRAMMABLE DEVICE AND METHODS OF FORMING AND PROGRAMMING THE SAME



(57) Abstract: A microelectronic programmable structure and methods of forming and programming the structure are disclosed. The programmable structure generally include an ion conductor (140) and a plurality of electrodes (160, 170). Electrical properties of the structure may be altered by applying a bias across the electrodes, and thus information may be stored using the structure.